

# *Forest Tree Nurseries*

## *in*

### *Washington and Adjacent States*



People in Washington need large numbers of trees for forest, Christmas tree, windbreak, and conservation plantings.

**Sources of trees.** This publication lists nurseries which grow seedlings for planting in Washington. This list is not necessarily complete, nor does inclusion imply endorsement. Most nurseries will send you a brochure and price list upon request.

**What is the best species to plant?** The best tree species to plant will depend on several factors: purpose of the planting, soil moisture and drainage, available sunlight, brush competition, potential for animal damage, and other considerations. Consult your county Extension Agent, local nursery, forester, or another knowledgeable person about what species are best for your area.

**Site preparation.** Advance site preparation is important when excess logging debris, brush, or sod cover are present on the planting site. Complete preparation during the summer or fall before the planting season. Several techniques are available. Ask a forester for advice.

**When should I plant my trees?** Plant trees when the seedlings are dormant. Planting seasons can vary with weather conditions and elevation. In western Washington, most growers plant trees from January through April. In eastern Washington, most planting occurs in March and April.

**Post planting follow-up** measures to control wildlife feeding damage or competing vegetation are often necessary to ensure the survival and growth of planted trees. A forester can give you specific advice.

**When should I order my trees?** *Early!* Order trees well in advance of the planting season, or you may find many nurseries sold out. Dates for placing orders vary among nurseries. In most cases, try to confirm your order by summer or early fall for planting the next year.

**Seed Source.** Select seedlings which have been grown from seed collected from the same geographic area and elevation as the planting site. Geographic planting areas, called "seed zones," are designated by a three-digit number. Elevations are delineated in 500-ft. intervals. Designate the seed zone and elevation when you order. (Exception: for Christmas tree production be sure to order seedlings only from proven "Christmas tree" seed sources).

**What stock type should I plant?** Most tree seedlings are designated by a two-digit age code. The first digit indicates the number of years the tree grew in the nursery bed where the seed was sown. The second digit indicates how many years the seedling has grown after being moved to a transplant bed where it had more space to develop to a larger size: 2-0 seedlings are commonly used in many planting situations. Larger transplant seedlings (e.g., 1-1 or 2-1) often are used when competition from brush or animal damage are anticipated. Other stock types include "plugs," container-grown trees raised in a greenhouse, and "cuttings," used for species, such as cottonwood and willow, which sprout roots after planting.

**Proper tree care is important!** Tree seedlings need care during storage, handling, and planting. Refrigerated storage is recommended if you cannot plant seedlings immediately. During planting be sure roots are kept moist and protected from exposure to the air. Instructions for proper planting techniques appear on the back of this publication.

#### **Sources of information and assistance**

- Specific advice for your *planting site* is available from the Washington Department of Natural Resources (1-800-527-3305).
- Publications on *tree planting and care* are available from your local county Washington State University Cooperative Extension office.
- *Cost-sharing funds* for tree planting are available through the USDA Stewardship Incentive Program (SIP) and Forestry Incentives Program (FIP). Reforestation following commercial harvest, ornamental, and Christmas tree plantings are not eligible for cost-sharing. Eligible practices include: Afforestation, riparian and windbreak plantings, conversion from brush to trees, and forest fire rehabilitation. Information about USDA cost-sharing is available from USDA Farm Service Agency, USDA Natural Resources Conservation Service (NRCS), or Washington State Department of Natural Resources offices.
- *Conservation planning* assistance, soils information, and windbreak design information is available from the NRCS.

## Washington

**Aldrich Berry Farm & Nursery Inc.**  
190 Aldrich Rd  
Mossyrock, WA 98564  
360-983-3138

**Cascade Conifers**  
1000 SE 85th  
Olympia, WA 98501  
360-754-6827

**Colville Tribal Forestry**  
PO Box 72  
Nespelem, WA 99115  
509-634-4901

**Fir Run Nursery**  
15102 91st Ave Ct E  
Puyallup, WA 98373  
206-848-4731

**Hood Canal Nurseries**  
PO Box 36  
Port Gamble, WA 98364  
360-297-7555 (container)  
360-638-2091 (bareroot)

**IFA Nurseries**  
Nisqually Container Nursery  
135 Nisqually Cut-Off Rd SE  
Olympia, WA 98503  
360-456-5669

**IFA Nurseries**  
Toledo Forest Nursery  
463 Eadon Rd  
Toledo, WA 98591  
360-864-2828

**Kinder Gardens Nursery**  
(Othello Conserv. Dist. Nursery)  
1137 S Highway 17  
Othello, WA 99344  
509-488-5017

**Lawyer Nursery**  
7515 SE Meridian Rd  
Olympia, WA 98506  
360-456-1839

**Lewis River Reforestation**  
1203 NW Hayes Rd  
Woodland, WA 98674  
360-225-6357

**Makah Tribal Nursery**  
PO Box 116  
Neah Bay, WA 98537  
360-645-2753

**Microseed Nursery**  
PO Box 35  
Ridgefield, WA 98642  
360-887-4477

**Moses Lake Conservation District Nursery**  
1775 SE Hwy 17  
Moses Lake, WA 98837  
509-765-5333

**Plants of the Wild**  
PO Box 866  
Tekoa, WA 99033  
509-284-2848

**Silvaseed Company**  
Container and Transplant Nursery  
PO Box 118  
Roy, WA 98500  
206-843-2246

**Spring Creek Nursery, Inc.**  
3226 W Montgomery Rd  
Deer Park, WA 99006  
509-276-8278

**Viewcrest Nurseries, Inc.**  
12713 NE 184th St  
Battle Ground, WA 98604  
360-687-5167

**WA Association of Conservation Districts Plant Materials Center**  
Skagit Forest Nursery  
1410 Bradley Rd  
Bow, WA 98232  
360-757-2425

**WA Department of Natural Resources**  
Webster Forest Nursery  
9805 Blomberg Rd SW  
Olympia, WA 98504  
360-753-5305 (bareroot)  
360-753-1498 (container)

**Weyerhaeuser Company**  
CH 1B23  
Tacoma, WA 98477  
206-924-2547

## Idaho

**Clifty View Nursery, Inc.**  
Route 1, Box 509  
Bonners Ferry, ID 83805  
208-267-7129

**Fantasy Farms, Inc.**  
PO Box 157  
Peck, ID 83545  
208-486-6841/486-7751

**North Woods Nursery, Inc.**  
PO Box 149  
Elk River, ID 83827-0149  
208-826-3408

**Potlatch Nursery**  
PO Box 1016  
Lewiston, ID 83501-1016  
208-799-1138

**University of Idaho**  
Forest Research Nursery  
Moscow, ID 83844-1137  
208-885-7023

# Montana

**Lawyer Nursery**  
950 Highway 200 West  
Plains, MT 59859  
800-551-9875

# Oregon

**Adams-Franklin Seedling Nursery**  
Canby, Oregon  
503-266-1748

**Brooks Tree Farm**  
9785 Portland Rd NE  
Salem, OR 97305  
503-393-6300

**Champion Timberland**  
3290 S Santiam Hwy  
Lebanon, OR 97355  
541-451-1492

**Drakes Crossing Nursery**  
19774 SE Grade Rd  
Silverton, OR 97381  
503-873-4932

**Fir Springs Tree Farm**  
231 Timber Terrace  
Winston, OR 97496  
541-679-5149

**Georgia Pacific Corp.**  
Forestry Research Center  
76928 Mosby Creek Rd  
Cottage Grove, OR 97424  
541-942-5516

**Green Tree Northwest Co.**  
6200 Brooklake Rd NE  
Brooks, OR 97305  
503-393-9577

**Growth Unlimited Nursery, Inc.**  
PO Box 291  
Langlois, OR 97450  
541-347-4114

**IFA Nurseries, Inc.**  
1887 N Holly St  
Canby, OR 97013  
503-266-7825

**International Paper Co.**  
Kellogg Forest Tree Nursery  
1940 Madison Rd  
Oakland, OR 97462  
541-459-5905

**Kintigh's Mountain Home Ranch**  
38865 E Cedar Flat Rd  
Springfield, OR 97478  
541-746-1842/746-8537

**Lava Nursery, Inc.**  
5301 Culbertson Rd  
PO Box 370  
Parkdale, OR 97041  
541-352-7303

**Oregon Department of Forestry**  
D.L. Phipps State Forest Nursery  
2424 Wells Rd  
Elkton, OR 97436  
541-584-2214

**Prindel Creek Farm, Inc.**  
95520 E Five Rivers Rd  
Tidewater, OR 97390  
541-528-3330

**Qualitree Inc.**  
11110 Harlan Rd  
Eddyville, OR 97343  
541-875-4192

**Silver Mountain Conifer Nursery**  
10067 Siegmund Rd  
Stayton, OR 97383  
503-769-7133

## 4 TIPS TO SUCCESSFUL TREE PLANTING

- *Good Ground Preparation*
- *Proper Care of Your Trees*
  - *Correct Planting*
  - *Care After Planting*

*Parts of this list were adapted from  
the USDA Forest Service Pacific Northwest Region  
State and Private Forestry Nursery Directory and  
Report, January 1996.*

	Commerical Conifers	Commercial Hardwoods	Blister Rust Resistant White Pine	Genetically Improved	Wildlife Habitat	Christmas Trees	Riparian Species	Large Caliper Stock	Windbreak or Shelter Belt Species	Rooted Cuttings	Ornamental Trees	Native or Adapted Shrubs	Mail Order
<b>Washington</b>													
Aldrich Berry Farm & Nursery, Inc.	X				X	X	X	X		X	X	X	
Cascade Conifers	X				X	X	X	X	X		X	X	X
Colville Tribal Forestry	X		X										
Fir Run Nursery	X					X	X	X			X	X	X
Hood Canal Nurseries	X	X	X	X		X				X			
IFA Nurseries, Nisqually Container	X	X	X	X		X	X				X	X	
IFA Nurseries, Toledo Forest Nursery			X	X		X							
Kinder Gardens Nursery	X	X			X	X	X				X	X	
Lawyer Nursery	X	X	X		X	X	X	X	X	X	X	X	X
Lewis River Reforestation	X		X	X	X	X	X	X			X		X
Makah Tribal Nursery	X			X	X		X	X	X		X	X	
Microseed Nursery	X	X	X	X	X		X	X	X		X	X	
Mima Forest Nursery	X		X	X			X			X			
Moses Lake Conservation District Nursery	X				X			X	X	X	X	X	X
Plants of the Wild	X	X	X		X		X		X	X		X	X
Rochester Greenhouse, Weyerhaeuser	X		X	X				X		X	X		
Silvaseed Company	X	X	X	X		X							
Spring Creek Nursery, Inc.							X				X		X
Viewcrest Nurseries, Inc.	X				X	X		X	X		X	X	X
WA Department of Natural Resources	X		X	X		X							X
Weyerhaeuser Company	X		X	X		X	X	X		X	X		
<b>Idaho</b>													
Clifty View Nursery, Inc.			X	X								X	
Fantasy Farms, Inc.	X	X			X	X	X		X	X	X	X	X
North Woods Nursery, Inc.	X		X	X	X		X	X	X	X			
University of Idaho, Research Nursery	X	X	X	X	X		X		X	X		X	X

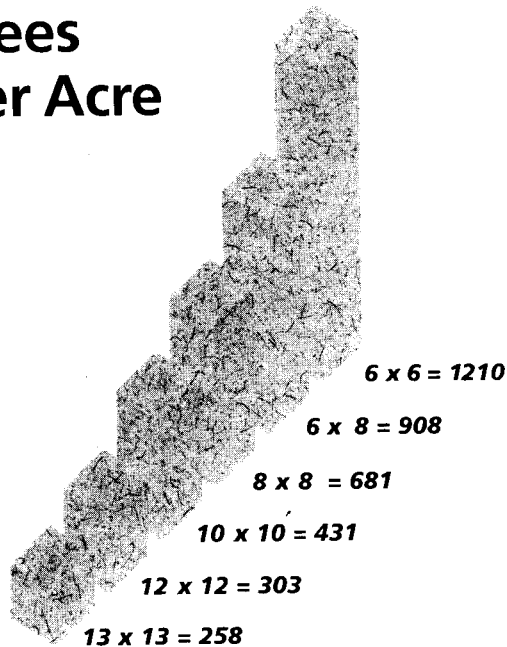
	Commerical Conifers	Commercial Hardwoods	Blister Rust Resistant White Pine	Genetically Improved	Wildlife Habitat	Christmas Trees	Riparian Species	Large Caliper Stock	Windbreak or Shelter Belt Species	Rooted Cuttings	Ornamental Trees	Native or Adapted Shrubs	Mail Order
<b>Montana</b>													
Lawyer Nursery, Inc.	x		x	x	x	x	x	x	x	x	x	x	x
<b>Oregon</b>													
Adams-Franklin Seedling Nursery	x				x	x	x				x		
Brooks Tree Farm	x	x				x	x	x			x		x
Champion Timberland	x		x	x	x	x	x						
Drakes Crossing Nursery	x			x	x	x	x		x		x	x	
Fir Springs Tree Farm						x							
Georgia Pacific Corp., Forestry Research Center	x		x	x	x		x				x		
Green Tree Northwest Co.	x			x	x		x		x		x	x	
Growth Unlimited Tree Farm	x								x				
IFA Industries, Inc.	x			x									
International Paper Co., Kellogg	x			x									
Kintigh's Mountain Home Ranch						x							
Lava Nursery, Inc.	x			x		x					x		x
Oregon Department of Forestry, D.L. Phipps State Nursery	x		x	x	x			x	x	x		x	x
Prindel Creek Farm, Inc.	x	x	x	x	x		x	x	x	x	x	x	
Qualitree Inc.			x	x	x		x	x	x		x		
Silver Mountain Conifer Nursery	x			x		x							

## SPACING TREES

For successful forest plantations, it generally is recommended that you plant seedlings 8 to 12 feet apart depending on site conditions and future management objectives.

Current reforestation regulations require 190 healthy trees evenly distributed per acre in Western Washington and 150 healthy trees evenly distributed per acre in Eastern Washington. Reforestation is required within three years of timber harvest (WAC 222-34).

### Trees Per Acre



Narrower spacings are recommended for Christmas tree plantings.

The chart above will assist you in determining desired number of trees per acre.

(Sources: *Plant Your Trees Right*, PNW Bulletin #33, 8/82 and *Planting Forest Seedlings*, Washington Dept. of Natural Resources, 2/96.)

## Correct



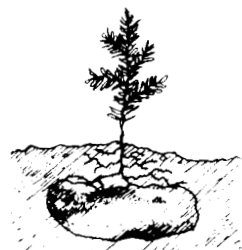
## Planting Errors



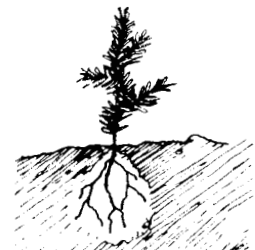
Turned up roots



Tangled roots



Rock



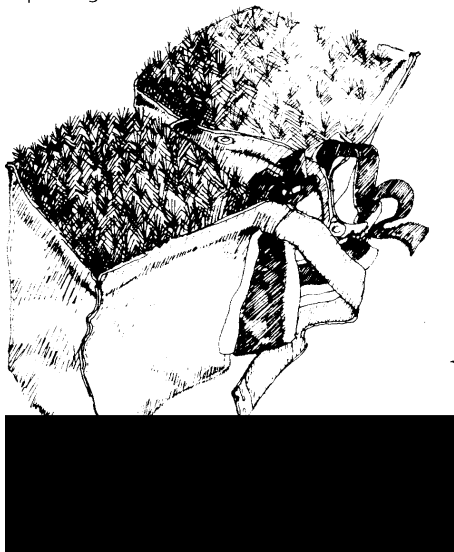
Air pocket



Too shallow



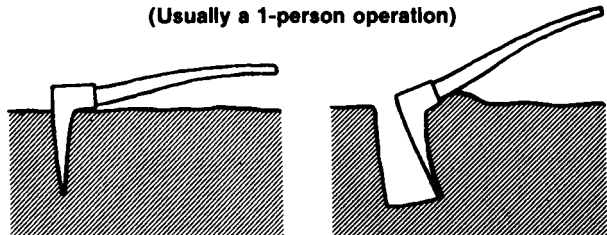
Too deep



**INCORRECT:**

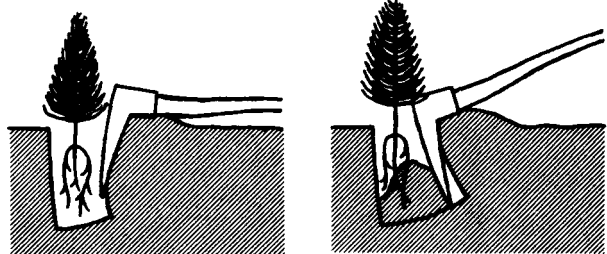
Do not carry seedlings in your hand. If exposed to the air for even a short time, tiny roots will dry out.

**Hole Planting with Hoe or Mattock**  
(Usually a 1-person operation)



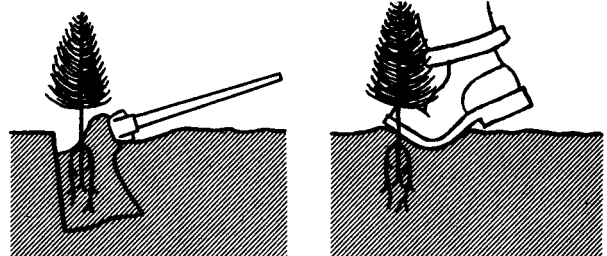
1. Swine hoe to get full vertical penetration.

2. Lift handle and pull to widen hole.



3. Place seedling while using hoe to hold back soil.

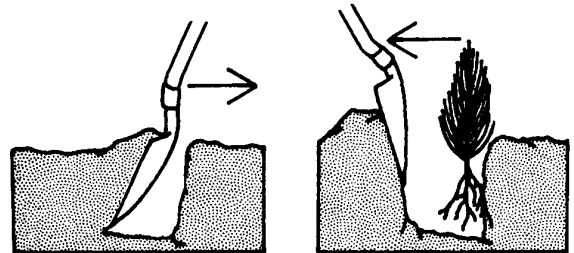
4. Use hoe to pack soil at bottom of hole.



5. Use hoe to pack soil at top of hole.

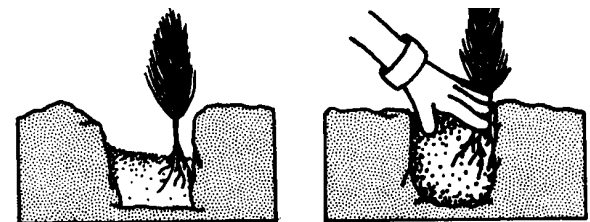
6. Firm soil around seedling with feet.

**Planting with Spade or Shovel**  
(Usually a 2-person operation)



1. Insert shovel vertically with blade reversed, push handle forward, then pull soil back and out of hole.

2. Straighten back of hole and insert tree at proper depth.



3. In first packing, fill hole half way with soil and place tree in proper position.

4. In second packing, fill the hole completely, pack with hand and cover surface with mulch of loose soil.